

Title (en)
Light guide panel and liquid crystal display apparatus

Title (de)
Lichtleittafel und Flüssigkristallanzeigevorrichtung

Title (fr)
Panneau à cristaux liquides et appareil à affichage à cristaux liquides

Publication
EP 2672173 A1 20131211 (EN)

Application
EP 12195739 A 20121205

Priority
KR 20120061590 A 20120608

Abstract (en)
A light guide panel (LGP) for use in a liquid crystal display (LCD) apparatus includes a light-emitting pattern surface on which light-emitting patterns are formed, an opposite surface opposite to the light-emitting pattern surface, and four edge surfaces. Lenticular patterns are formed on one of the light-emitting pattern surface and the opposite surface. The light-emitting pattern surface includes a light-emitting part in which the light-emitting patterns are formed; and an edge part which extends along the four edge surfaces to enclose the light-emitting part and in which at least one fixing groove is formed to fix the LGP. The light-emitting part includes a pattern reducing region which faces the fixing groove and has a lower light-emitting pattern density than another region of the light-emitting part.

IPC 8 full level
G02F 1/1335 (2006.01); **F21V 8/00** (2006.01)

CPC (source: CN EP KR US)
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